



VARIABLE SLOPE FLUME (6M LENGTH AND 8CM WIDTH)

RF 176

Description:

An open channel is a channel where the surface pressure of the fluid remains constant along its path. If the fluid meets atmospheric pressure at the free level, it is considered an open-channel flow. This kind of flow can be modeled in a laboratory by using an experimental flume. The side walls of the experimental section are made of glass or plexiglass, which allows observation of the experiments. The inclination of the experimental flume can be finely adjusted to enable simulation of slope and to create a uniform flow at a constant discharge depth.

Specifications:

- Channel wall made of transparent plexiglass or glass with 10 mm thick
- Reservoir tank
- Centrifugal Pump
- Flow control valve
- Flow measurement system
- Piping system with valves and fittings
- Manually adjustable inclination of the experimental section
- 80*200 mm selection of the channel
- 6000 mm channel length
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Basic principles of open-channel flow

Required For Operation:

- 3-Phase 25 A Electricity
- Urban Water Supply
- Urban Water Drainage
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 6000x 500 x 1300

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